

# CERTIFICATE OF ANALYSIS EXAMPLE

## NITRIC ACID 69.5%

Plaine Saint-Denis, 24 May 2022

**• SAMPLE :**

**Product code :** 0485

**Grade :** VLSI

**Manufacturing Date :**

**• RESULTS :**

**Analytical Process :** 0485VLSI0002.50L000000G

**N° LIMS :** 120461

Parameters	Methods	Results	Specifications	Conclusion
Aluminium (Al)	Supplier COA	< 10 ppb	<20 ppb	Conform
Antimony (Sb)	Supplier COA	< 5 ppb	<5 ppb	Conform
Silver (Ag)	Supplier COA	< 5 ppb	<10 ppb	Conform
Arsenic (As)	Supplier COA	< 5 ppb	<5 ppb	Conform
Barium (Ba)	Supplier COA	< 5 ppb	<10 ppb	Conform
Beryllium (Be)	Supplier COA	< 5 ppb	<10 ppb	Conform
Bismuth (Bi)	Supplier COA	< 10 ppb	<20 ppb	Conform
Boron (B)	Supplier COA	< 5 ppb	<10 ppb	Conform
Cadmium (Cd)	Supplier COA	< 5 ppb	<10 ppb	Conform
Calcium (Ca)	Supplier COA	< 20 ppb	<50 ppb	Conform
Chloride (Cl)	Supplier COA	< 0.05 ppm	<0.05 ppm	Conform
Chromium (Cr)	Supplier COA	< 10 ppb	<20 ppb	Conform
Cobalt (Co)	Supplier COA	< 5 ppb	<10 ppb	Conform
APHA colour	Supplier COA	< 10 .	<10 .	Conform
Copper (Cu)	Supplier COA	< 5 ppb	<10 ppb	Conform
Tin (Sn)	Supplier COA	< 10 ppb	<20 ppb	Conform
Iron (Fe)	Supplier COA	< 20 ppb	<40 ppb	Conform
Fluoride (F)	Supplier COA	< 0.1 ppm	<0.1 ppm	Conform
Gallium (Ga)	Supplier COA	< 10 ppb	<20 ppb	Conform
Germanium (Ge)	Supplier COA	< 10 ppb	<20 ppb	Conform
Lithium (Li)	Supplier COA	< 5 ppb	<10 ppb	Conform
Magnesium (Mg)	Supplier COA	< 10 ppb	<20 ppb	Conform
Manganese (Mn)	Supplier COA	< 5 ppb	<10 ppb	Conform
Heavy metals (Pb)	Supplier COA	< 0.2 ppm	<0.2 ppm	Conform
Molybdenum (Mo)	Supplier COA	< 5 ppb	<10 ppb	Conform
Nickel (Ni)	Supplier COA	< 5 ppb	<10 ppb	Conform
Nitrite (NO2)	Supplier COA	< 32 ppm	<32 ppm	Conform
Gold (Au)	Supplier COA	< 5 ppb	<10 ppb	Conform
Phosphate (PO4)	Supplier COA	< 0.5 ppm	<0.5 ppm	Conform
Lead (Pb)	Supplier COA	< 5 ppb	<10 ppb	Conform
Potassium (K)	Supplier COA	< 20 ppb	<50 ppb	Conform
Sodium (Na)	Supplier COA	< 50 ppb	<100 ppb	Conform
Strontium (Sr)	Supplier COA	< 5 ppb	<10 ppb	Conform

# CERTIFICATE OF ANALYSIS

Sulphate (SO <sub>4</sub> )	Supplier COA	< 0.5 ppm	<0.5 ppm	Conform
Tantalum (Ta)	Supplier COA	< 5 ppb	<10 ppb	Conform
Assay	Supplier COA	69.50 %	69<= x <=70 %	Conform
Thallium (Tl)	Supplier COA	< 5 ppb	<10 ppb	Conform
Titanium (Ti)	Supplier COA	< 5 ppb	<10 ppb	Conform
Vanadium (V)	Supplier COA	< 5 ppb	<10 ppb	Conform
Zinc (Zn)	Supplier COA	< 10 ppb	<20 ppb	Conform
Zirconium (Zr)	Supplier COA	< 5 ppb	<10 ppb	Conform
Density	d n°51-1	1.42 .	1.42 .	Conform
Evaporation residues	ev n°44-1	< 2 ppm	<2 ppm	Conform
Indium (In)	ICP n°4-2	< 10 ppb	<20 ppb	Conform
Mercury (Hg)	ICP n°4-2	< 10 ppb	<20 ppb	Conform
Platinum (Pt)	ICP n°4-2	< 20 ppb	<50 ppb	Conform
Silicate (SiO <sub>4</sub> )	Supplier COA	< 2 ppm	<2 ppm	Conform
Particles > 0.5 µm	Particles	3 part / mL	<250 part / mL	Conform

• **CONCLUSION :**

Conform

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Manager



*Those analytical results are according to the batch number.  
Duplicate is not authorizing without the laboratory approval.*